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(71) Applicant *(for all designated States except US)*: **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SCHUIJERS, Erik, G., P.** [NL/NL]; Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL). **RIJNBERG, Adriaan, J.** [NL/NL]; Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL). **TOPALOVIC, Natasa** [YU/NL]; Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) Agent: **GROENENDAAL, Antonius, W., M.**; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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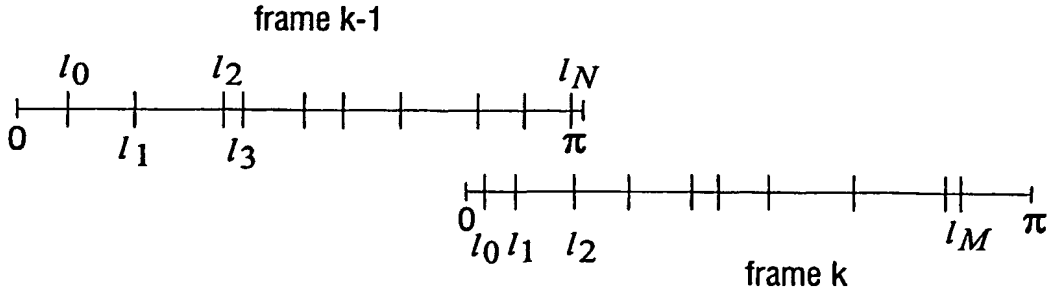
(54) Title: AUDIO CODING



(57) Abstract: According to a first aspect of the invention, at least part of an audio signal is coded in order to obtain an encoded signal, the coding comprising predictive coding the at least part of the audio signal in order to obtain prediction coefficients which represent temporal properties, such as a temporal envelope, of the at least part of the audio signal, transforming the prediction coefficients into a set of times representing the prediction coefficients, and including the set of times in the encoded signal. Especially the use of a time domain derivative or equivalent of the Line Spectral Representation is advantageous in coding such prediction coefficients, because with this technique times or time instants are well defined which makes them more suitable for further encoding. For overlapping frame analysis/synthesis for the temporal envelope, redundancy in the Line Spectral Representation at the overlap can be exploited. Embodiments of the invention exploit this redundancy in an advantageous manner.

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